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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ayoub et. al

Serial No.: 10/615,269

Filed: August 10, 2004

For: Method for Exploitation of Gas Hydrates

Group Art Unit: 3672

Examiner:

Docket No.: 56.0657

TRANSMISSION OF INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed before the receipt of a first office action on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R.

§ 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Schlumberger Deposit Account No. 04-1579 (56.0657).

Applicants respectfully request that the listed document be made of record in the present case.

Respectfully submitted,



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Date: 3/21/05

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Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

56.0657

10/915,269

List of Patents and Publications for Applicant's**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Filing Date:

August 10, 2004

Group:

3672

U.S. Patent Documents*See Page 1***Foreign Patent Documents***See Page 1***Other Art***See Page 1***U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	6,691,785	Feb. 17, 2004	Patel	166	375	Aug. 15, 2001
	A2	6,352,119	Mar. 5, 2002	Patel	166	386	May 12, 2000
	A3	5,286,109	Feb. 15, 1994	Hanscombe et al	374	119	Feb. 16, 1993
	A4						
	A5						

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	<i>Probing Gas Hydrate Deposits</i> – Robert L. Kleinberg and Peter G. Brewer, Journal-American Scientist – 2001, Vol 89, pages 244-251
	C2	<i>Dynamics of Reformation and Replacement of CO₂ and CH₄ Gas Hydrates</i> – Takeshi Komai, Yoshitaka Yamamoto and Kotaro Ohga in Annals of New York Academy of Sciences Vol 912, New York, 2000

EXAMINER:**DATE CONSIDERED:**

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCETRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/915,269	
	Filing Date	August 10, 2004	
	First Named Inventor	Joseph Ayoub	
	Art Unit	3672	
	Examiner Name		
Total Number of Pages in This Submission		Attorney Docket Number	56.0657

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Tim Curington
Signature	
Date	3/21/05

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Pushpa Mohan		
Signature		Date	3/21/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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